

JUNIOR PROM WILL BE AT STATLER

Society of Sigma Xi Grants Petition for Chapter at Institute

Action Was Taken at Convention of National Society

Both Outstanding Professors
and Students to be Eligible
for Membership

TO INSTALL LOCAL UNIT IN VERY NEAR FUTURE

Society to Give Recognition to
Aptitude in Fields of Pure
and Applied Science

A chapter of the Sigma Xi fraternity, National Honorary Scientific Society, will be established at Technology, according to an announcement made by the National Society last week. The action came as a result of the acceptance by the national organization, at its recent convention in Boston, of the petition submitted by members and associates of the Society who are on the faculty of the Institute.

Many Eligible for Membership
Professors, instructors, and graduate and undergraduate students who excel in the fields of pure or applied science are eligible for membership according to the rules of the society.

The acceptance of the petition has been anxiously awaited by many members of the staff of the Institute who were desirous of establishing the chapter here, since many worthy students in the fields of pure science were not considered eligible for membership in the Tau Beta Pi. It is expected that plans will be made very soon for the formal installation of the new chapter.

Founded 48 Years Ago

Sigma Xi was founded at Cornell University in November, 1886, by Professor Henry S. Williams and a few associates, with the intention of establishing in scientific and technical schools a society whose badge should have the same significance of scholarly merit as that of Phi Beta Kappa among classical students. At present there are 45 chapters, comprising approximately 20,000 members.

The object of the society is to encourage original investigation in pure and applied science by holding meetings for the discussion of scientific subjects, establishing fraternal relations.

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Catholic Club to be Host at Dance

Bundle of Old Clothes to be
Admission to Annual
Charity Affair

The Tech Catholic Club will be host tonight to the New England Federation of College Catholic Clubs at the annual charity dance to be held in the main hall of Walker Memorial from 9 till 1.

The admission to the dance will be a bundle of old clothes and twenty-five cents. No one will be admitted without the clothes, which are to be given to the Saint Vincent de Paul Societies in all the Parish Churches in Boston and its suburbs for distribution to the needy.

Since the proceeds of this dance go to charity, a large attendance is expected, and many girls from Boston University, Teachers' College, Wellesley, Radcliffe, Sargent, Emerson, and Simmons are expected to come stag as in former Catholic Club Dances.

The music will be furnished by Teddy Bean's WBZ broadcasting orchestra. The chaperones will be Professor O'Neil and Prof. and Mrs. Richard B. Doherty from Boston University.

Registration Material Now Being Distributed

Registration material for the second term may be obtained today as follows:

FIRST-YEAR STUDENTS EXCEPT COURSE IV

Material will be given out in the Chemistry 5.01 Laboratory sections. Those not taking Chemistry 5.01 may obtain material at Mr. Pitre's Office, Room 4-256.

OTHER STUDENTS

Course IV and IV-A upper years should be obtained from Professor Emerson in the Rogers Building.

Course VI-A obtain from Professor Wildes, Room 4-205. Other courses obtain material in Main Lobby until 1 p. m. After 1 p. m. material may be secured in the Information Office.

Registration material must be returned to Room 3.106 not later than 1 p. m., Friday, January 12, to avoid the fine of 5s.

COMMUTERS' ROOM TO BE OPENED TO INSPECTION SOON

Lunch Tables and Study Room Provided for Members of the Club

The Commuters' new lunch and study room in the basement of Walker Memorial will be officially opened for use next Monday noon. A special open house will be conducted during the remainder of the term following the opening, during which time any one may inspect the new room and commutes may make application for membership.

After the period of inspection the room will be open to members only. However, use of the room is to be available to local clubs and organizations for meetings upon special application to the room committee of the Commuters' Association.

The Club's new meeting place is divided by draperies into two sections. In the rear section tables and a drinking fountain have been installed for the convenience of the club members at lunch time. The front section has been furnished as a lounge and reading room with new easy chairs, study tables and chairs, and a small library of selected books from the Walker Library.

Room Examined at Party

The Commuters' New Year's party, at which the club room was first open for inspection, was attended by about eighty couples. Many people who had made no reservation were turned away at the door. The party started at midnight and at 1:30 a buffet lunch, consisting of Welsh rarebit, ice cream, tomato, and coffee, was served. At 3 o'clock a costume parade was featured during which favors and prizes were presented for the best costumes and masks.

SENIOR DANCE TO BE HELD FRIDAY

Extensive preparations have been made to keep underclassmen from the Senior Dance, to be held in Walker Friday night, and which is open to members of the class of 1934 only.

Music will be furnished by Al Starita's Band. Starita has played at several dances at the Institute, the most recent of which is the Boat Club dance. The dance will last from nine until half past two. Free tickets may be obtained at the main lobby ticket office on Wednesday, Thursday, and Friday, January 10, 11, and 12, at 8:30 to 9:30, 12:00 to 2:00 and 5:00 o'clock. The affair will be formal.

Raymond Holland Named Candidate for Oxford Prize

Technology Senior Represents
Massachusetts in Rhodes
Scholarship Prize

HAS WON STRATTON PRIZE

Raymond F. Holland, Jr., '34, of Technology, and Richard B. Schlatter, '34, of Harvard, were chosen yesterday by the Massachusetts State Committee of Selection for the Rhodes Scholarships, to represent the State in the district competition, from which two outstanding students will be selected to represent New England.

Holland is a Senior in the Aeronautical Engineering Department, and his paper on airplane wing design won one of the Stratton Prizes last June. He is a member of the Lambda Chi Alpha fraternity. His home is in Scarsdale, N. Y.

Under the terms of the will of Cecil Rhodes, thirty-two American and many more British students are given three years of study at Oxford. These students are expected to be outstanding in one field of activity rather than all-round scholarship. They are afforded an opportunity of becoming better citizens by the term of residence in England.

"A Rhodes Scholarship," in the opinion of Mr. Lothian, secretary of Rhodes Trust, "is not a prize to be awarded necessarily to the man who in his past records has scored the greatest number of points. It is rather an opportunity to be given to the man who shows most promise of being able to take advantage of it."

The committee which chose the Massachusetts contestants was composed of Dr. Karl T. Compton as chairman, Professor F. O. Matthiessen of Harvard, Dean Paul Nixon of Bowdoin College, Professor C. H. Haring of Harvard, and Mr. J. W. Worthen.

DRAMASHOP MADE CLASS C ACTIVITY

Institute Committee Changes Status of Society

Besides approving the holding of the Junior Prom at the Hotel Statler, the Institute Committee at its meeting yesterday afternoon in the Silver Room changed the status of Drama Shop from a Class A activity to a Class C activity.

The change was made because it was the opinion of the committee that Dramashop was out of place as a Class A activity since it does not require representation on the Institute Committee nor the supervision of the Budget Committee. Joseph L. Seligman, '34, secretary of the Institute Committee, in explaining the action taken said, "Dramashop never has incurred a bad debt, and I don't think that it will."

Class A organizations have representation on the Institute Committee, a privilege not possessed by Class C organizations. Class A organizations, however, are more closely supervised by the Institute and Budget Committees.

PROFESSOR ROGERS' RADIO TALKS TO END WITH JANUARY 16 BROADCAST

Says in Interview That He Tried
to Present Subject in Slightly
Different Light Than Was
Done Before; Uses Rapid De-
livery

The radio contract of Professor Robert E. Rogers, who for the past thirteen weeks has been broadcasting some of his meaty philosophies, will terminate with the January 16th presentation.

The series marked the first regular appearance of the Technology English professor, although he has been heard at various times previously in book reviews and University Extension work.

In an interview Professor Rogers said that in preparing his remarks, most of which are comments on newspaper clippings, magazine articles, and books, he usually requires about an hour. He finds that the length of the speech in the finished form is about one thousand words, approximately the same length as a column

First Time Since 1929 That Boston Hotel Is Scene of Annual Event

Committee Says Change Will Not Increase Price

Institute Committee Approves
New Plans by Accepting
Tentative Budget

CLASS OPINION FAVORS PROM AT BOSTON HOTEL

Stockmayer, Committee Chairman,
Says Change Will
Increase Prom Attendance

For the first time in five years, the Junior Prom will be held away from Walker Memorial at the Hotel Statler, according to the budget approved by the Institute Committee yesterday.

Walter H. Stockmayer, '35, President of the Junior Class, explained the action taken by the Junior Prom Committee in deciding to conduct the affair in a hotel in Boston. He said that after thoroughly investigating the matter, they had found that the difference in price between the Prom at Walker and at the Hotel Statler was negligible and that they believed that the change of hall would prove a drawing card.

Juniors Interviewed Favor Change
Continuing a review of the reasons for the change, Stockmayer said, "We received several offers which justified holding the Prom at a hotel in Boston. Wishing to know the opinion of the class whom we represent, we asked members of the class the following question, 'If you were given the Junior Prom at the same price at Walker or at the Hotel Statler, with other things equal, which would you prefer?' The answer was overwhelmingly in favor of the Statler."

According to the preliminary budget which was approved yesterday, the price of the Prom per couple will be \$7.50 or thereabouts, as compared with the \$8 charged last year. This was accomplished mainly through the elimination of favors; this economy, however, will be partially offset by the general increase in orchestra prices since repeal.

No information concerning the Prom orchestra could be secured at this time, but the Prom Committee promises to announce it in the near future.

(Continued on Page 4)

HUNT GETS SECOND HONORS IN JUNIOR NET COMPETITION

Loses to Parker of Milwaukee in Finals of National Tournament

Although he was seeded seventh, Gilbert Hunt, Technology sophomore, sprang a surprise in the National Junior Tennis Tournament held in New York last week, by battling his way to the finals, only to lose, after a hard match, to Frankie Parker of Milwaukee. The scores of the match were 6-4, 6-3 and 7-5.

In working their respective ways to the finals neither Hunt nor Parker lost a set to their opponents. Hunt scored two upsets in the preliminaries by defeating two players seeded above him.

In the final, Parker was a heavy favorite to win, but Hunt gave him more trouble than any of the Milwaukee boy's previous rivals. The Technology man was the only opponent to take twelve games from Parker, who is at present the most famous young player in the world.

In the doubles Hunt teamed with Sumner Rodman of Harvard to defeat Joseph Abrams and Frank Rericha, both of New York, for the title in this event.

(Continued on Page 8)

Morss, Member of Corporation, Dies

Served on Executive Committee,
Finance Committee, and
as Treasurer

Everett Morss, '85, a member of the corporation and treasurer of the Institute, died last week of heart trouble. Mr. Morss served for many years on the executive committee of the corporation and was a member of the finance committee.

He also served as a member of the administrative committee of the Institute during the interval between the administrations of the late Presidents Maclaurin and Stratton. In this capacity he was closely associated with educational problems and policies of the Institute.

Praised by Compton
In a statement issued upon the death of Mr. Morss, President Compton said, "The Massachusetts Institute of Technology shares with the community the irreparable loss of a wise counselor, able administrator, and devoted friend . . . Mr. Morss' vision, courage, and able administration made him an outstanding leader among those who have built the 'new Technology.' He gave unsparingly of

(Continued on Page 4)

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Memorial, Cambridge, Mass.
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Business—Room 302, Walker
Telephone, University 7415

Printer's Telephone, Liberty 3355

SUBSCRIPTION, \$1.50 Per Year

Published every Tues. and Fri.
during the College year, except
during College vacation

Entered as Second Class Matter at the
Boston Post Office

Member Eastern Intercollegiate
Newspaper Association

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"BAD THOUGHTS"

Japan was the first of the great powers to inflate her currency. If her object was the maintenance of her prestige in world trade she has succeeded admirably. Her cotton exports were recently for the first time in history greater than those of Great Britain and she is at present undisputed master of the Far East trade. But internally inflation has acted as an unseen tax on her working classes.

And dissatisfaction with domestic conditions is reflected in the spread of what the Japanese mildly call "bad thoughts." The stories that part of Nippon's population is starving and that in certain sections farmers have been reduced to eating grass may be untrue but undoubtedly the growth of radicalism and communism in the face of Japan's ancient traditions is a strong indication of unrest.

The government is applying the usual remedies; stricter supervision, censorship, police regulation. Russia and other European nations have often proved the ineffectiveness of such methods.

To those who fear the rise of Japan's military machine it is of interest to consider what effect internal conditions would have on any future military action. Stalin, in a recent interview, said, "It seems to me that Japan would be unwise to attack us. Her economic position is not too sound, and she has points of weakness—Korea, Manchuria and China. It is uncertain, too, whether she would get support for such an adventure from other powers. But good soldiers are not always good economists and do not always appreciate the difference between the force of arms and the force of economic laws."

It is well to remember that the fighting forces of a nation depend to a greater extent than ever on the civilian population which supplies them with the intricate paraphernalia of war. With the morale of the common people sapped by years of privation the war fleets and armies are but the covering of a hollow shell.

STREAMLINED?

This is the time of year the Automotive Engineers are deeply involved in extra-curricular studies. Armfuls of brochures and pamphlets, easily procured from nearby auto showrooms, are being scanned for possible advances in the transportation field. The public, too, awaits the new cars, hoping for marked improvements in line and performance.

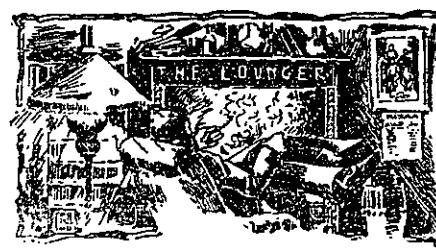
Why all this fuss and bother? We should have learned by now that no radical improvement will be evident in the new models. Since the selfstarter came out of the accessory field no marked changes in motor car design have been made available to purchasers. Engines have been tinkered with and ballyhooed but they remain the gasoline devouring, temperature sensitive relics of a past era. Body designs have undergone minor alterations but are still unstreamlined outside, cold and breezy inside and squeaky everywhere.

Advance blarney from manufacturers more than substantiates our cynicism. The largest manufacturer in the country has been flooding the ears of the buying public with self-praise for a revolutionary advancement in suspension and springing, omitting of course, to say that individual wheel suspension has been widely used in Europe for some fifteen years. Not to be outdone, rival manufacturers have dusted off their designs for similar changes and have rushed into production their "new" models, cursing all the while the "originator's" "leadership."

Body craftsmen have sliced off a few sharp corners and presented the "streamlined car of the future," not daring to come out with the real thing for fear of upsetting the public's aesthetic sense.

Economy of operation and the possible durability of structure are still missing links in the motor car's evolutionary history.

In one of the largest fields of a capitalistic industry we find few of the saving graces of the system, its inherent evils all too prominent.



Gerondelles

"But what I want to know is, are they candelabra or gerondelles?" Our friend pronounced this succinctly enough, leaning upon the table in a vacuously contemplative fashion and viewing critically the objects in question.

Needless to say, this completely stopped the conversation. In the ensuing silence we too gazed earnestly at the mooted objects and questioned ourselves, "Gerondelles?"

We could see the idea gathering momentum as every face began to look slightly gerondellely, and also just a little bit foolish.

The objects in question were a pair of dazzling pendant earrings with shining dewdabs which had dangled and dropped at periodic intervals from the appointed ears. At every drop the young lady had taken time out to readjust the offending ornaments saying, "Pardon, while I fix my candelabra."

But now things had gone too far, we felt. Candelabra indeed! Why anyone could see they were gerondelles! Gerondelles, my eye, is a report, they're candelabra! No, gerondelles! Candelabra! Gerondelles!

Just when the argument had reached the dimensions of a major altercation and sides were being drawn up, representing a candelabra team and a gerondelle team, someone decided to do their Russian dance and so things were settled peaceably, but it worried us, and continues to worry us, so we pass it along, like all great questions, for solution by a plebiscite.

We tried looking it up, but a gerondelle did not exist in any dictionary at hand, so we passed it on to our gerondelles expert who was by way of thinking it was a glass candlestick with dingbats hanging on it. We asked a lot of people about it, but everyone was a little shaky on the subject.

Incidentally, if you want to look it up it is spelled "girandole," somewhat to our chagrin.

—o—

Science Notes

The 5:15 Club is scheduled to open Monday as a domain of comfort and solace for the poor commuter, harassed as he is by the joint cares of Institute life and wondering what else Bill Greene will call him at the next lunch meeting.

As a matter of fact, we sneaked into the club room just to peek around and found it very elegant indeed, being full of nice green upholstered chairs and sofas and brown study tables with the back curtained off and looking very café-like in the half light of the front lights. It smells a little new and painty, though, so we suppose we shall go through life smelling commuters as faintly new and painty.

There are a bunch of books in a batch of shelves, which look as if someone had read them sometime, although we would like to know who. We tried skimming through the titles but found nothing more promising than "Chance and a Woman" sandwiched between "Parachute" and "Volcano." We sat down in one of the new chairs, which sit fairly comfortably, but couldn't find any connection. However, perhaps the commuters know more about life.

CONFERENCE HELD NEW YEAR'S DAY

Business Problems Discussed by Course XV Faculty

Immediate problems of business and industry under the National Recovery Act were discussed at the third annual business conference sponsored by the department of business and engineering administration, held in Walker last Monday. The conference brought together Technology graduates from all parts of New England.

Dr. Wilson Compton, a brother of President Karl T. Compton of Technology, and general manager of the National Lumber Manufacturers Association, delivered the opening address of the meeting on the subject of "Code Problems." Later in the morning Professor Robert F. Elder of the Institute spoke on "Price Problems."

Following luncheon at Walker, Professor Floyd E. Armstrong of the economics department lectured on "Current Financing Problems." Professor Erwin H. Schell, head of the department of business and engineering administration, delivered the concluding address of the conference on the topic of "Problems of the Small Industry Under the National Recovery Act."

What is believed to be the world's smallest university has been discovered at London, Ontario, Canada. It is Huron College, and has an enrollment of twenty students with five teachers.—*The Virginia Tech*.

JANUARY REVIEW DISCUSSES TIME SAVED BY PLANES

Articles on Shuffling of Cards and Mining Department Round Issue

Long ago it was decided that whenever we reviewed Technology Review we would discuss the cover first. Artistically, January's cover is not exceptional. The river at the top of the picture divides the view too much. The Daily News building runs too far off the page. For us, anyway. Besides, it is unpleasant to look at if one suffers from astigmatism. Nevertheless its presentation is a real triumph. There is a landing twenty-four stories down from the top of the building which just shouldn't be there. It puzzles us.

At first reading there seems to be a similarity between "A New Deal—In Cards" and "Mining and Metallurgy at M. I. T." respectively written by L. F. Woodruff and Charles E. Locke. From the former we learn that the way in which one shuffles cards has an influence on the type of hand which follows. Nothing said is of any great importance, but yet the matter is said well enough to deserve reading. Oh, of course a man whose every act were designed to improve his future wouldn't read it.

The other, on mining and metallurgy, is of a report-like nature; really the only similarity between it and Woodruff's article is the large number of interesting figures it contains—but they are too closely sequent.

"Gentility in the Air," by Daniel C. Sayre is on a par with "A New Deal" as to style. Its author certainly must comprehend what people who are human beings like to read. He shows enough minute variation from the dead point to make his discussion hold one's attention without calling for any exertion of effort. As to content, several interesting facts creep up. Airplanes, for instance, are neither as safe as trains nor automobiles, as we have been informed by air maniacs.

An interesting minor article, by Prof. F. Alexander Magoun, is a review of "Vocational Guidance in Engineering Lines." Professor Magoun's third sentence includes the phrase, "cannot comprehend the taste of whale blubber or olives by reading a description." Besides being a sound criticism of a great amount of vocational guidance this statement could be applied otherwise. Professor Magoun includes in his review an extract from the section of the book by Charles F. Kettering. Kettering says, "Every time anybody says, 'That is a difficult problem' he is a soft drill." That is not too absolute if one interprets it correctly.

P. G. H.

THREE LEADERS IN DORM BASKETBALL

Hayden, Runkle, and Graduates Tied When Hayden Loses to Graduates

Dormitory basketball turned into a triple tie for leadership the other night when the Graduates led by Fred Feustel, defeated the league-leading Hayden team, 24-22 in an overtime game. This leaves Hayden, Runkle, and the Graduates tied with one game lost apiece, and although one of these teams will be eliminated when Hayden plays Runkle soon, there will still be a tie to be played off unless something unexpected happens and one of the other teams loses a game in the meantime.

Hayden started the game with the Graduates in its usual fashion and by the end of the first quarter was leading 8-0. Their opponents came back, however, and just before the end of the second half tied the game at 20-all. In the overtime, Feustel and Buehl sank baskets to send the Graduates into a lead which Hayden could not overcome.

Every city in Italy must have a stadium, in size proportionate to the population. This, by decree of Mussolini, who wishes to promote more sports.—*The Purdue Exponent*.

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Brother Alpha

Mr. Piper of Tuttonboro was in during vacation to pay his respects to Brother Alpha as Past Grand Chief of the Fire Department in his town. Asked about conditions in the Granite State he said there were fourteen hundred people at the recent Klan Meeting. He said they claimed the Jews had an organization so if anything come up they could communicate with every Jew in the country inside three hours. But he said they said the Klan could communicate with every Klansman inside two hours and a half. "I don't know how they are going to do it," said the Representative of the Granite State, "but that's what they say."

Brother Alpha asked him whether he considered the Jews a Menace. He said he couldn't say whether they were allowed in that organization or not. He was an Odd Fellow himself.

Our Representative then asked him whether he thought there was much Nazi Gold in Carroll County. He said he didn't think there was any gold being used there at all. Most of the Klansmen had been listening to Father Coughlin and they really preferred silver.

This Week in Walker

We put in a lot of time recently reading this Arnold Zweig's *De Friende Goe Home*, largely because we thought Hitler wouldn't approve. This book could be grand as a murder story or a study of human nature in the politics of Palestine, or a glimpse of the darkness of the human heart. Some day this Zweig will stop trying so hard and then he will get there. Almost he did it this time in *De Friende*, servant of God, bearing God's burden of sin. "He always chose one of those most eager to serve Him,—laid upon him the thumb-screw of His forbidding ordinances, and then transfixed him with the glowing iron of wild justice."

This Christopher Morley his *Internal Revenue* is just a waste-basket really, but some of us determined long ago to read everything Morley might write. This time we were rewarded with some beautiful pages about Joseph Conrad, almost lost in the miscellany. For the rest, Morley just goes and looks, and writes about it. And you believe him, because he makes you feel as though you were there.

Valentine Kataev his *Time Forward* is another devout celebration of Engineering.

Philipps, servant of the Great King Abi' Aziz ibn Saud, for the book he made an the ride he did on his camel Al Bahra from the Persian Gulf south and west to his home in Mecca. The big names were rolling out of Brother Alpha's mouth till we had to turn on the radio to drown him. He has gone now to read up on this Wahabi Philosophy. Because Philipps says when he found this way of life the Peace of Islam descended upon him who had never known peace before. It is in the book too, a little.

There

Basketball Team Will Face Brown Without Captain

O'Brien Has Not Yet Returned From Vacation; Garth In His Place

NO DANCE AFTER GAME

Present indications are that Captain Gene O'Brien will not start in the game with Brown University to be held in the Hangar Gym tomorrow night as he has not yet returned from the holidays and it is not known when he will come back. Bob McIver, starting center in the game with the Alumni, has also not returned and his place will be taken by Tom Murphy.

This will be the first college game scheduled for the cagers this season, and it was expected that it would be followed by a Beaver Key Society dance, but this latter has been called off, and the spectators will have to go elsewhere than Walker if they wish to dance after the game. The varsity game, which will start at eight o'clock, will be preceded by a freshman game with the Bruin freshmen.

With O'Brien away the line-up for the varsity game will probably be as follows: Garth and Thornton, forwards; Murphy, center; and Kennedy and Lawrence, guards. The freshman line-up will be Simpson and Gay, forwards; Thornton, center, and Wojcik and Weppler, guards. The loss of O'Brien considerably lessens the Engineers' chances of victory.

On Tuesday the varsity will meet Lowell Textile in the Hangar, and that game will be the occasion for the first "Dorm Night" of the year. The men from the dormitories are expected to turn out in full strength to support the team as they did last year.

INFIRMARY LIST

Robert E. de Raimes, Jr., '37
Edwin A. Kass, '35
Harold T. Smythe, G
Roger Dennison, Employee

Reaches Finals in Tennis Title Play



GILBERT A. HUNT, '36

Squash Team Faces Harvard Tomorrow

Frozen Hand May Keep Ed Lucas Out of Game for Rest of Season

Minus the aid of Ed Lucas, the Technology squash team will meet Harvard tomorrow in a regular league game. Lucas, who has been ranked as number one man at the Institute and was expected to be a mainstay of the veteran team, will not be able to play for an indefinite length of time because of a frozen hand.

Although the absence of Lucas will be sorely felt, a well rounded team will stack up against Harvard tomorrow and Dartmouth on Monday. The team includes Captain Ingalls, Wood, Eder, Hunt and either Newman or Garona substitute for Lucas.

HUNT GETS SECOND HONORS IN JUNIOR NET COMPETITION

Loses to Parker of Milwaukee in Finals of National Tournament

(Continued from Page 1)

Hunt, the outstanding freshman tennis squash player in the Institute last year, is a member of the varsity squash team this season and is a prospective member of the tennis team in the spring. He is also a candidate for the varsity basketball squad, besides playing on one of the dormitory hoop teams.

Three years ago in the National Boys' Outdoor Tournament, Hunt reached the semi-finals. The next year, in the Junior Tournament he got to the quarter-finals. Seeded third, he again reached the quarter-finals in 1933.

In the Boys' Indoor Championships in 1931, he lost in the finals. Hunt did not enter the Junior Championships last year. He has competed in several Western tournaments, in addition to various tournaments held in and about Washington, his home.

VARSITY SWIMMERS RETURN TO ACTION

Oppose Amherst Tomorrow in Third Meet of Season

The Technology swimming team will enter its third meet of the year on Saturday afternoon when Coach Max Untersee will send his charges against Amherst in the latter's pool. Untersee will use practically the same lineup which started the first two meets.

To date, the natators have defeated Bowdoin by a close score, and then were overwhelmingly defeated a week later by the crack Harvard squad.

The lineup for tomorrow's meet is as follows: 50-yard free style, DuRoss and Callan; 100-yard free style, Granberg and Summers; 220-yard free style, Captain Vaughan and Summers; 440-yard free style, Vaughan and Finlayson; 150-yard backstroke, Antonson and Edmonds; 220-yard breast stroke, Muller and Vonnegut; Dive, Paige.

Gymnasts Must Abstain from Spitting on Floor

Technology gymnasts must refrain from spitting on the floors and walls of the gymnasium, according to the set of rules that have been placed on the locker room wall. These rules put in their appearance along with a shiny new surface on the Walker Memorial gym floor.

Members of the squad were agreeably surprised to find the old floor scraped and varnished, and the dusty mats cleaned, giving the third floor gym an entirely different appearance.

May Send Men to Winter Carnival

Technology Invited to Compete in Annual Event Held at Dartmouth

Winter-sports enthusiasts may be given an opportunity to show their wares on the ice and snow as official representatives of Technology this winter in the Dartmouth Winter Carnival to be held at Hanover early in February. An invitation was received yesterday by Neal Karr, president of the M. I. T. A. A., from the Dartmouth Outing Club, which is sponsoring the carnival.

Although it has not been customary for Technology to have a regular skiing and skating squad, the Athletic Association is planning on sending a few representatives to the Intercollegiate meet. Any men at the Institute who are interested may see Neal Karr this afternoon between four and five o'clock in the A. A. office on the third floor of Walker Memorial.

The Intercollegiate Winter Sport

Union championships being held in conjunction with the annual Dartmouth Winter Carnival will include the following events: 440-yard and 2-mile skating races, figure skating competition, cross-country snowshoe race, downhill, slalom and cross-country ski races, ski jumping, and combined ski jumping and cross-country.

WRESTLERS SEEK FIRST VICTORY

Varsity and Freshmen Meet Brown Tomorrow Night

Seeking their first victory of the season, both the freshman and varsity wrestlers will meet the Brown grapplers in Providence tomorrow night. This is the second meet of the year, the first resulting in a victory for both Harvard teams.

The lineup which has only slightly been changed by Coach Jay Ricks, is as follows: Varsity—118 lb. class, George; 126 lb., Marderosian; 135 lb., Oshry; 145 lb., Boyan; 155 lb., Isbister; 165 lb., Captain Poole; 175 lb., McCaughan; heavyweight, Graham. Freshmen—Noodleman, Bartholemew, Testa, Webb, Heal, Rundlet, Marsh, and Cestoni.

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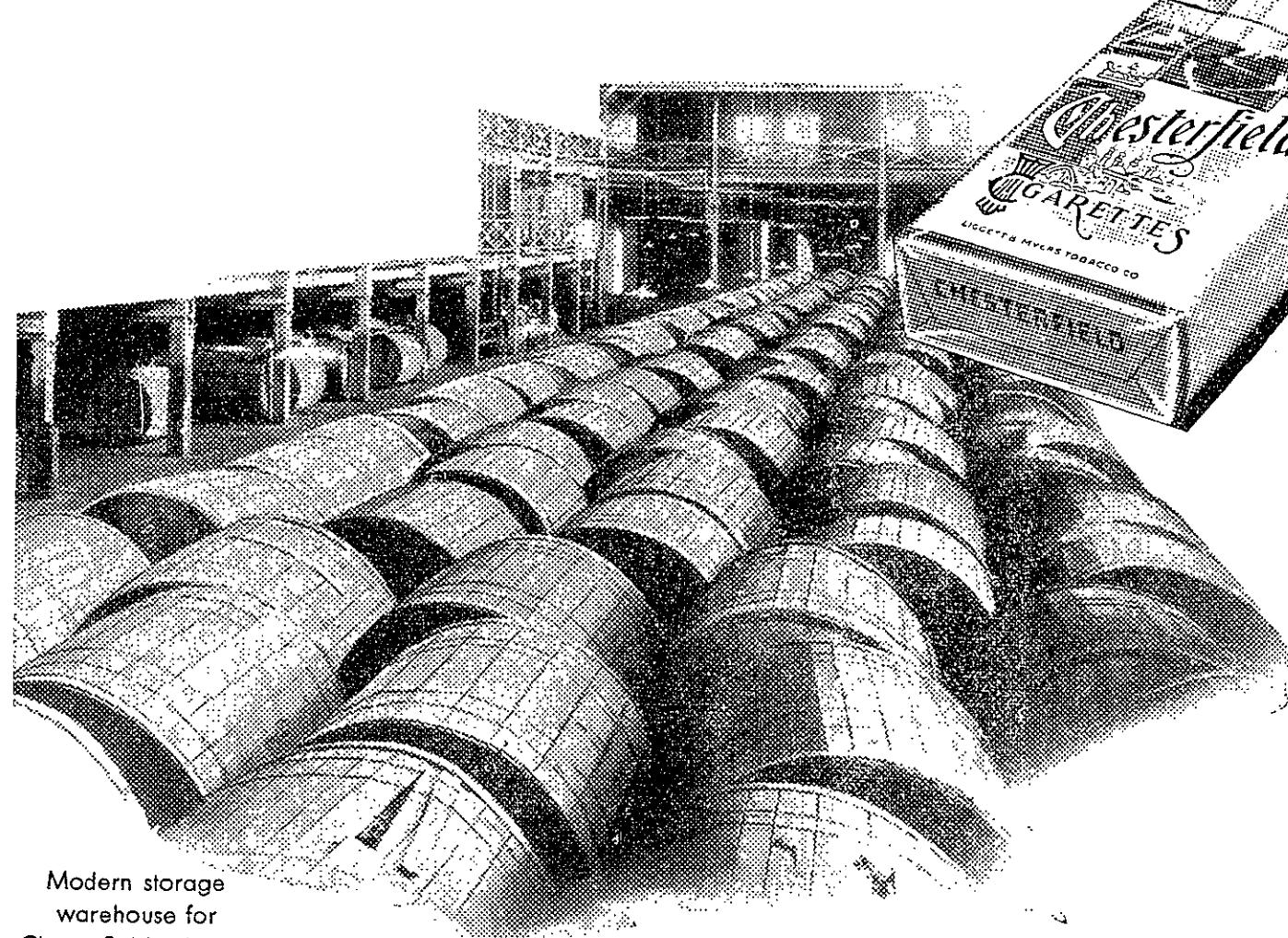
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OPEN SIGNUPS FOR INSPECTION TOUR

S. A. E. Trip Will be Limited to Twenty Persons

Signups for the mid-year tour of the Society of Automotive Engineers opened yesterday and will continue until 20 names have been taken. The trip is to commence on January 29, the first Monday of mid-year vacation, and will terminate on Thursday, Feb. 2, in New York City.

The first day will be spent in visiting the Brown & Sharpe company, manufacturers of high quality machine tools. In the afternoon, it is expected that the group will dine in Hartford, with Charles Chatfield, former head of the Aeronautical Department at the Institute and now Assistant Director of Research for the United Aircraft Corporation, as guest speaker.

On Tuesday, the society will inspect the Pratt & Whitney Aircraft Co., manufacturers of government airplane motors, and the Chance Vought Corporation, makers of navy seaplanes. In order to visit either of these plants, one must be a citizen of the United States. Foreign students must receive special permission from Washington to be admitted.

Later on the same day, the party will journey to Bristol, Conn., where the New Departure Bearing Co. will be visited. On Wednesday, the Sikorsky Aviation Corp., where the new airship S-42, transatlantic liner, will be on view, and the Aluminum Co. of America will come in for their share of inspection by the Tech men.

The automobilists will drive their own cars, stopping over in Y. M. C. A.'s on the way. Participation is limited to members of the society, but membership may be procured by persons desiring to attend.

MANY ATHLETES ALSO HAVE JOBS

William G. Yepsen, '35, of the M. I. T. A. A. publicity department, furnishes the results of an investigation to determine the number of men participating in sports who are regularly employed in outside jobs. The following percentages are based on figures obtained from the T. C. A. employment bureau and do not include those men who did not apply for their jobs at the T. C. A.

At least six percent of all students out for sports are carrying an added load in the form of outside work.

Sport	Per Cent Employed
Gym	6.90
Lacrosse	10.00
Golf	4.50
Basketball	3.00
Track and Cross Country	9.30
Hockey	5.40
Fencing	3.00
Squash	5.40
Crew	5.20
Boxing	5.70
Rifle Team	0.00
Swimming	4.08

JUNIOR PROM OF '35 WILL BE AT STATLER

(Continued from Page 1)

The Junior Prom will be held Friday, March 16, in the Imperial Ball Room of the Hotel Statler.

The Committee which is responsible for the conduct of the Junior Prom includes Walter H. Stockmayer, chairman, Thomet C. Dauphine, Paul W. Daley, Henry F. King, Wesley H. Loomis, and Louis W. Pflanz, Jr.

A survey at an eastern university showed that at least 60 per cent of the students sleep through at least three hours of classes each week.—*The Creightonian*.

FORMER GRADUATE TO DISCUSS FUELS

Chemical Engineering Department Sponsors Expert's Lecture

Robert P. Russell, a graduate of Technology in the class of 1922, and now with the Standard Oil Development Company, will discuss present methods and the probable trend in "The Chemical Processing of Fuels," in a lecture to be delivered in Room 4-270 today at 3:00 P. M. He will speak under the auspices of the department of chemical engineering.

Mr. Russell has carried on extensive research in fuel plants and processes in this country and abroad.

FACULTY TO HEAR DR. J. SHUMPETER

Authority on National Finance to Speak on Inflation

Today at twelve o'clock Dr. Joseph Schumpeter will address the Faculty Club at its Luncheon Meeting in North Hall of Walker. His subject will be "Inflation and the Mechanism of Recovery."

Dr. Schumpeter is an authority on problems of national finance, having held professorships of economics in the Universities of Vienna, Graz, and Bon, and having served as State Secretary of Finance in Austria after the war. On several occasions he has been a special lecturer on economic theory at Harvard University where he is now a permanent member of the staff.

Marriage is a divinely constituted training school, not merely an amusement.—*Arthur Brisbane*.

WILL HAVE CHAPTER OF SIGMA XI HERE

(Continued from Page 1)

tions among investigators in scientific centers, granting membership to such students who, during their college courses, have given special promise of future achievement, publishing such scientific matters as may be deemed desirable, and supporting fellowships for research.

Two Kinds of Members

Membership in the society is of two kinds, active and associate. Those eligible for election as members in a chapter are any professors, instructors, or other members of the staff of the institution who have shown noteworthy achievement in some branch of pure or applied science, and any students in the institution who, as judged by their actual work of investigation, have exhibited an aptitude for scientific research.

Those eligible for election as associates are any graduate student who has shown marked excellence in one or more departments of pure or applied science, and any student who has completed two and one-half years of undergraduate work and who has shown marked excellence in two or more departments of pure or applied science.

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(Continued from Page 1)

his great energy to Institute affairs. These qualities, together with his human interest in his associates, have gained for him the admiration and affection of all who have had the privilege of working with him. The corporation, staff, and alumni of the Institute join in their expressions of sympathy to his family and in their tribute to his qualities as a distinguished citizen and loyal friend."

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Sunday school, 10:45 a.m.; Wednesday evening meeting, 7:30 p.m.; in the church edifice, Norway, Fallmouth and St. Paul Streets. The church is open to visitors Wednesday and Friday from 10 a.m. until 5 p.m.

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